

# Experiment Results Report

611500092 Release QC

## Experiment Summary

<b>Experiment Name</b>	:611500092 Release QC
<b>Experiment Type</b>	:Quantitation - Standard Curve
<b>File Name</b>	:611500092 Release QC.eds
<b>Run Started</b>	:2015 Feb 03 11:58:43 AM
<b>Run Finished</b>	:2015 Feb 03 1:29:41 PM
<b>Run Duration</b>	:90 minutes 57 seconds
<b>Date Modified</b>	:2015 Feb 03 1:31:46 PM
<b>User</b>	:
<b>Number of wells used</b>	:36
<b>Number of wells with results</b>	:36
<b>Instrument Name</b>	:Local Instrument
<b>Instrument Type</b>	:Applied Biosystems StepOnePlus™ Instrument
<b>Comments</b>	:

## Results Summary

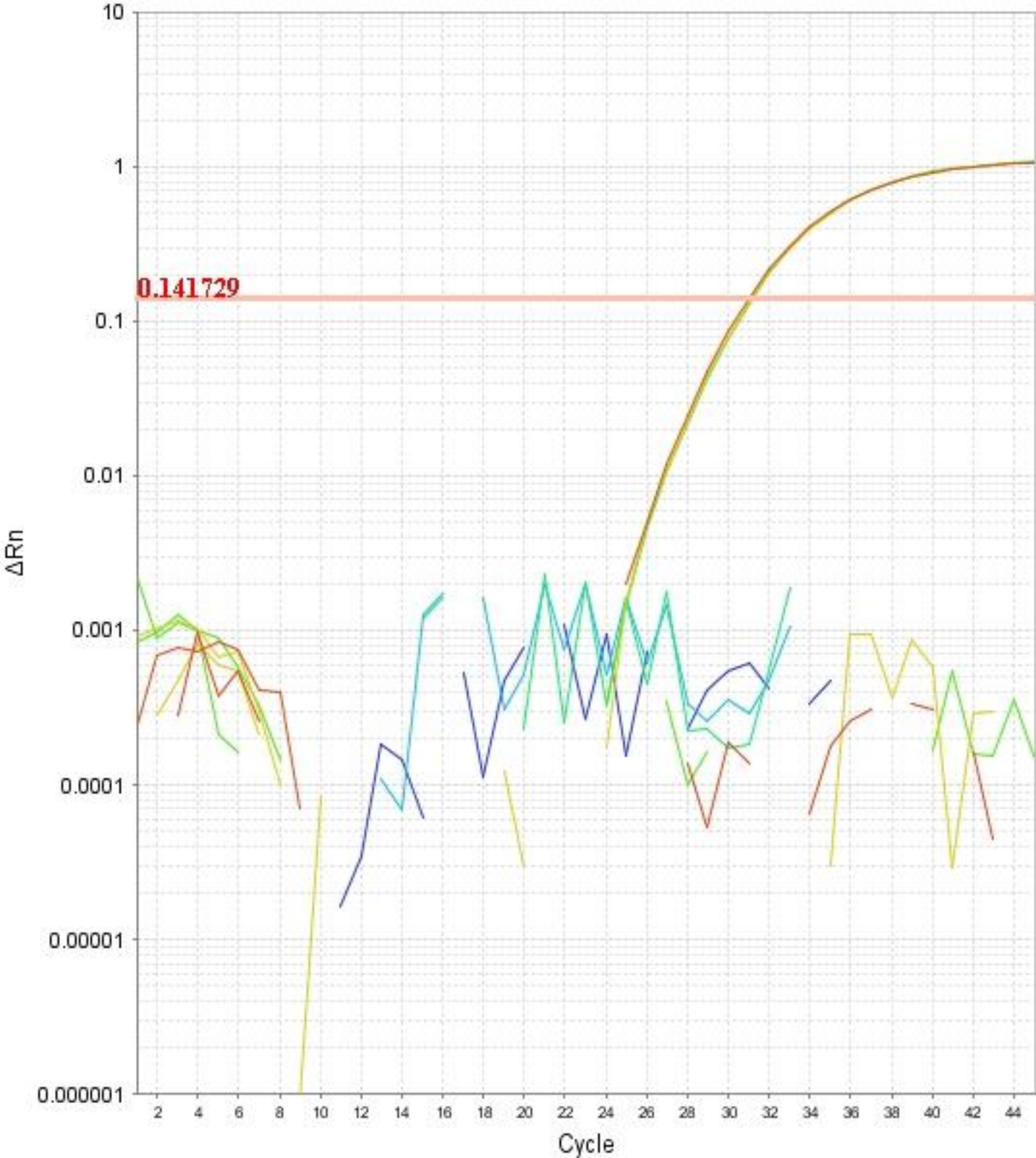
Sample	Target	Quantity (Mean)	Quantity (Std Dev)	C <sub>T</sub> (Mean)	C <sub>T</sub> (Std Dev)
+RNA	EV	□	□	31.07	0.09
-RNA	EV	□	□	□	□
+RNA	HGV	□	□	33.56	0.65
-RNA	HGV	□	□	34.41	2.32
+RNA	NV-GIB	□	□	25.97	0.02
-RNA	NV-GIB	□	□	□	□
+RNA	NV-GII	□	□	26.95	0.05
-RNA	NV-GII	□	□	□	□

Plate Layout

	1	2	3	4	5	6	7	8	9	10	11	12
A	-RNA FAM100-MGB Ct: 32.49	-RNA FAM100-MGB Ct: 34.2	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 28.97	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 28.97	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 30.97	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
B	-RNA FAM100-MGB Ct: 33.76	-RNA FAM100-MGB Ct: 33.59	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 28.80	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 25.99	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 31.09	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
C	-RNA FAM100-MGB Ct: 35.39	-RNA FAM100-MGB Ct: 32.89	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 28.99	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 28.96	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: 31.18	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
D	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
E	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
F	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
G	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined
H	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined	-RNA FAM100-MGB Ct: Undetermined

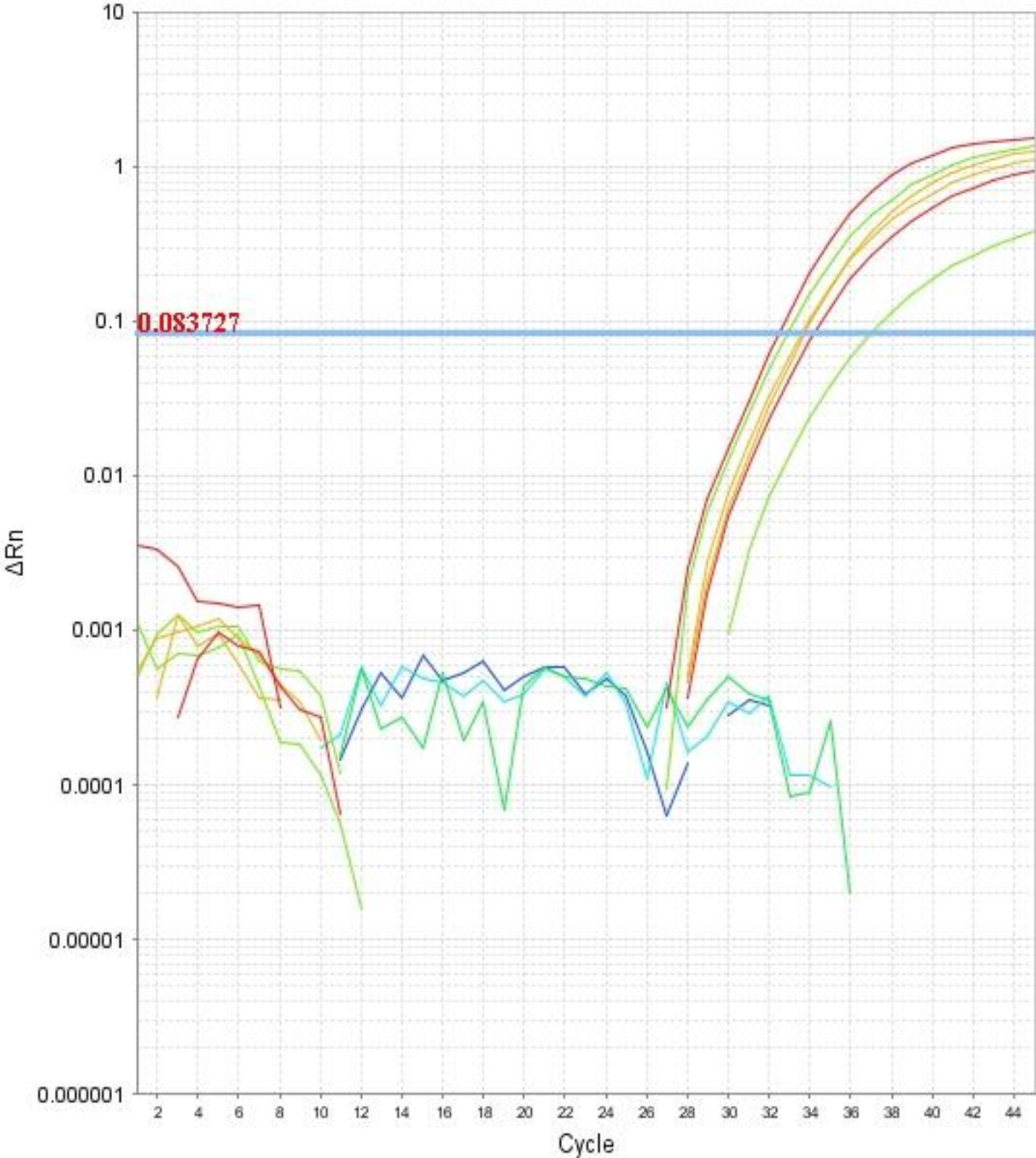
# Amplification Plot (ΔRn vs. Cycle)

EV



# Amplification Plot (ΔRn vs. Cycle)

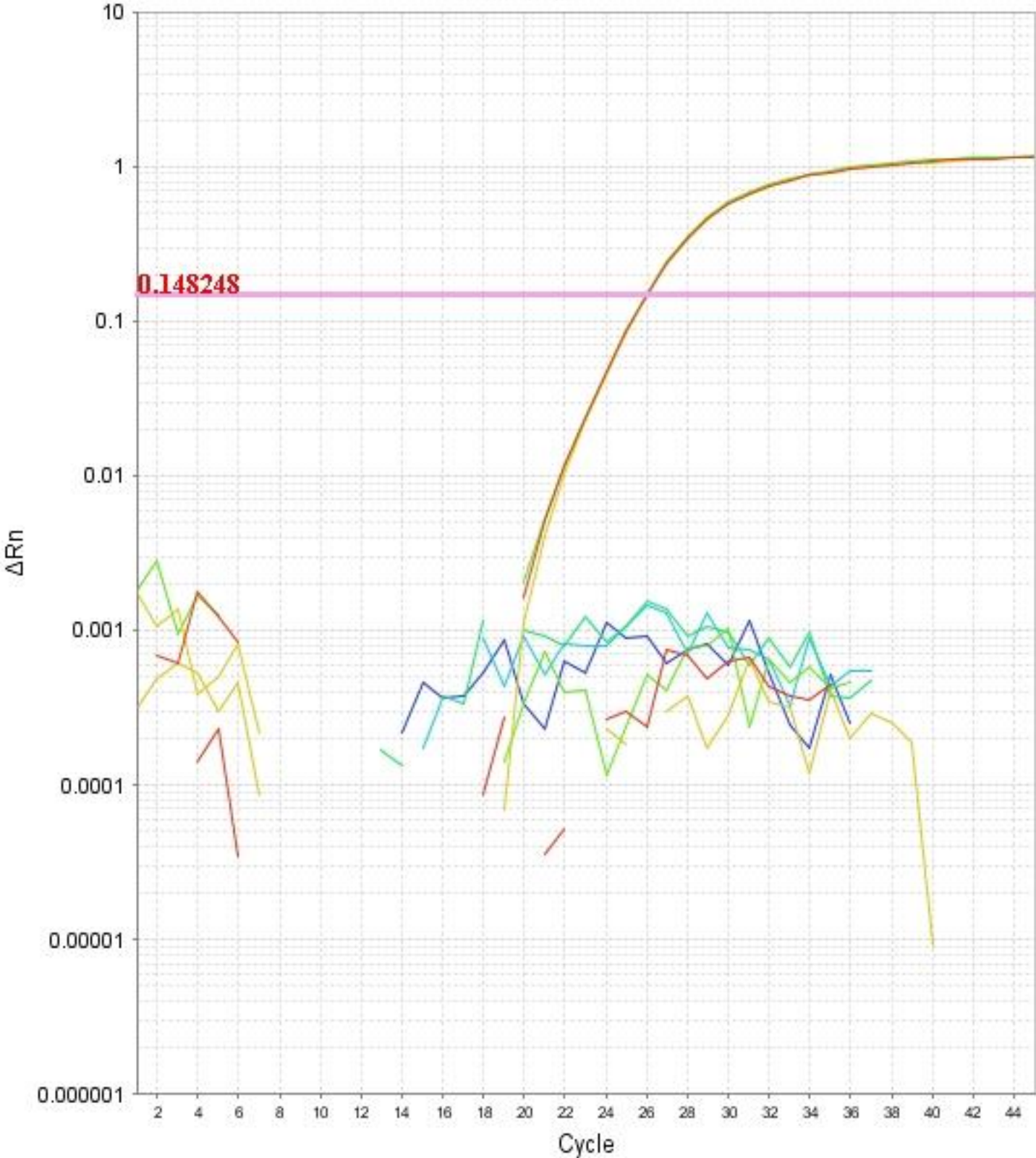
## HGV





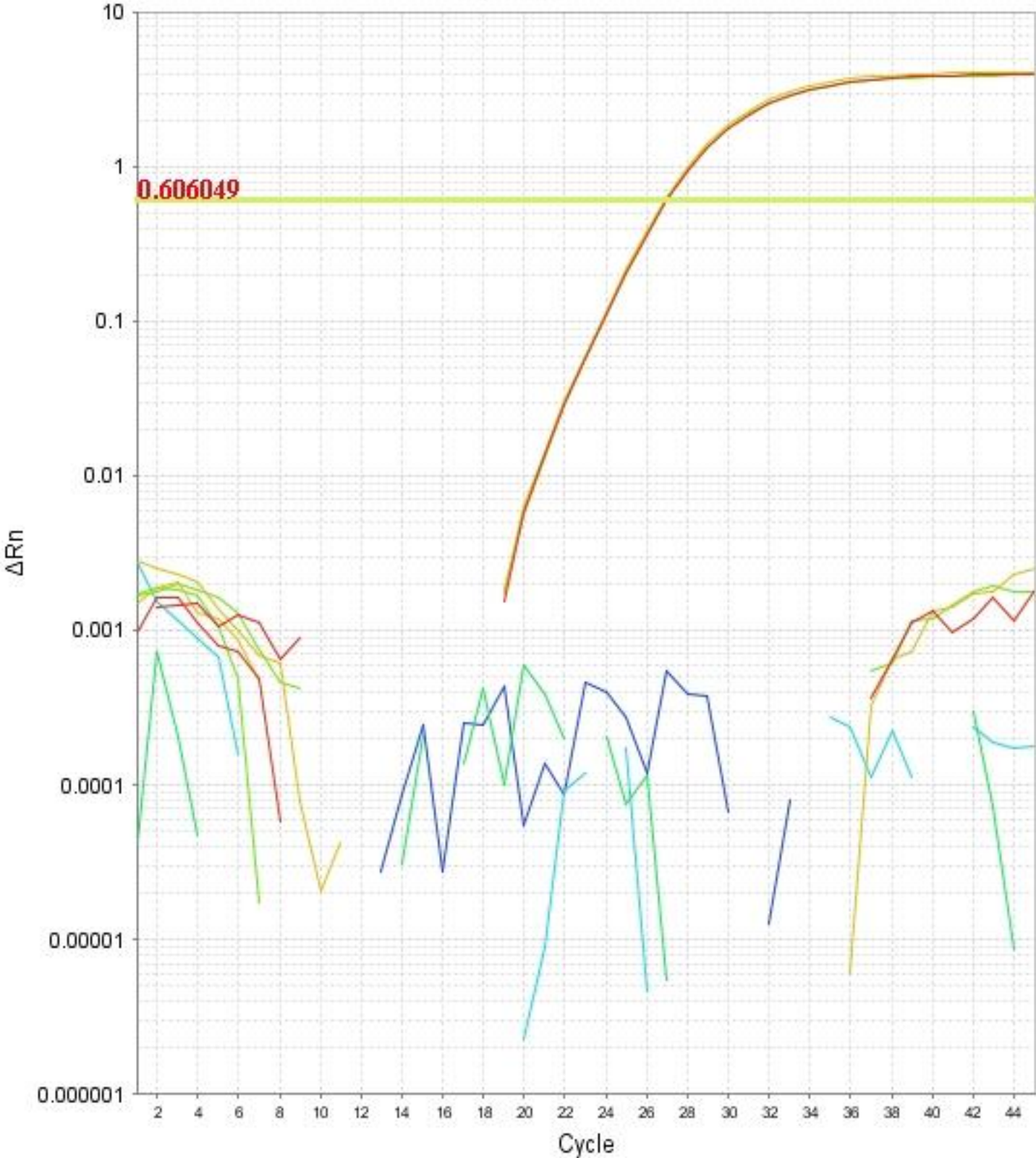
# Amplification Plot ( $\Delta Rn$ vs. Cycle)

## NV-GIB



# Amplification Plot (ΔRn vs. Cycle)

## NV-GII



## Results Table

Well	Sample	Target	Task	Quantity	C <sub>T</sub>
A1	-RNA	HGV	UNKNOWN		32.4888
A2	+RNA	HGV	UNKNOWN		34.1976
A3	-RNA	NV-GII	UNKNOWN		Undetermined
A4	+RNA	NV-GII	UNKNOWN		26.9706
A5	-RNA	NV-GIB	UNKNOWN		Undetermined
A6	+RNA	NV-GIB	UNKNOWN		25.9657
A7	-RNA	EV	UNKNOWN		Undetermined
A8	+RNA	EV	UNKNOWN		30.9737
B1	-RNA	HGV	UNKNOWN		33.7589
B2	+RNA	HGV	UNKNOWN		33.5935
B3	-RNA	NV-GII	UNKNOWN		Undetermined
B4	+RNA	NV-GII	UNKNOWN		26.8869
B5	-RNA	NV-GIB	UNKNOWN		Undetermined
B6	+RNA	NV-GIB	UNKNOWN		25.9852
B7	-RNA	EV	UNKNOWN		Undetermined
B8	+RNA	EV	UNKNOWN		31.0917
C1	-RNA	HGV	UNKNOWN		36.9906
C2	+RNA	HGV	UNKNOWN		32.8925
C3	-RNA	NV-GII	UNKNOWN		Undetermined
C4	+RNA	NV-GII	UNKNOWN		26.99
C5	-RNA	NV-GIB	UNKNOWN		Undetermined
C6	+RNA	NV-GIB	UNKNOWN		25.9459
C7	-RNA	EV	UNKNOWN		Undetermined
C8	+RNA	EV	UNKNOWN		31.1517
D1		HGV	NTC		Undetermined
D3		NV-GII	NTC		Undetermined
D5		NV-GIB	NTC		Undetermined
D7		EV	NTC		Undetermined
E1		HGV	NTC		Undetermined
E3		NV-GII	NTC		Undetermined



Well	Sample	Target	Task	Quantity	Ct
E5		NV-GIB	NTC		Undetermined
E7		EV	NTC		Undetermined
F1		HGV	NTC		Undetermined
F3		NV-GII	NTC		Undetermined
F5		NV-GIB	NTC		Undetermined
F7		EV	NTC		Undetermined

## QC Summary

Total Wells	96	Processed Wells	36	Targets Used	4
Well Setup	36	Flagged Wells	15	Samples Used	2

Flag	Name	Frequency	Locations
AMPNC	Amplification in negative control	0	
BADROX	Bad passive reference signal	0	
BLFAIL	Baseline algorithm failed	0	
CTFAIL	C <sub>T</sub> algorithm failed	0	
EXPFAIL	Exponential algorithm failed	9	A3, A5, A7, B3, B5, B7, C3, C5, C7
HIGHSD	High standard deviation in replicate group	6	A1, A2, B1, B2, C1, C2
NOAMP	No amplification	9	A3, A5, A7, B3, B5, B7, C3, C5, C7
NOISE	Noise higher than others in plate	0	
NOSIGNAL	No signal in well	0	
OFFSCALE	Fluorescence is offscale	0	
OUTLIERRG	Outlier in replicate group	0	
SPIKE	Noise spikes	0	
THOLDFAIL	Thresholding algorithm failed	0	